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Modular Systems Profile SM CLP Command 5

Mapping Specification

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	Introd 1	Normative References

57	Foreword
58 59	The Modular Systems Profile SM CLP Command Mapping Specification (DSP0804) was prepared by the Server Management Working Group.
60	Conventions
61 62	The pseudo-code conventions utilized in this document are the Recipe Conventions as defined in SNIA <u>SMI-S 1.1.0</u> , section 7.6.
63	Acknowledgements
64 65	The authors wish to acknowledge the following participants from the DTMF Server Management Working Group:
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7 4	Introduction
74	

75	This	docun	nent (defines	the SM C	LP mapping	for CIM	l elements	described in th	ie <u>Modula</u>	ar S	<u>Systems</u>	Profile	<u>į</u> .

- 76 The information in this specification, combined with the <u>SM CLP-to-CIM Common Mapping Specification</u>
- 77 <u>1.0</u>, is intended to be sufficient to implement SM CLP commands relevant to the classes, properties, and
- 78 methods described in the <u>Modular Systems Profile</u> using CIM operations.
- 79 The target audience for this specification is implementers of the SM CLP support for <u>Modular Systems</u>
- 80 Profile.

Modular Systems Profile SM CLP Command Mapping Specification

83	1	Scope
84 85		s specification contains the requirements for an implementation of the SM CLP to provide access to, implement the behaviors of, the <u>Modular Systems Profile</u> .
86	2	Normative References
87 88 89	refe	e following referenced documents are indispensable for the application of this document. For dated erences, only the edition cited applies. For undated references, the latest edition of the referenced eument (including any amendments) applies.
90	2.1	Approved References
91 92		TF DSP1008, Modular Systems Profile 1.0, c://www.dmtf.org/standards/published_documents/DSP1008_1.0.pdf
93 94		TF DSP0216, SM CLP-to-CIM Common Mapping Specification 1.0, c://www.dmtf.org/standards/published_documents/DSP0216_1.0.pdf
95 96		A, Storage Management Initiative Specification (SMI-S) 1.1.0, :://www.snia.org/tech_activities/standards/curr_standards/smi
97	2.2	Other References
98 99		F, RFC 2119, Key words for Use in RFCs to Indicate Requirement Levels, March 1997, :://www.ietf.org/rfc/rfc2119.txt
100	3	Terms and Definitions
101	For	the purposes of this document, the following terms and definitions apply.
102 103 104	3.1 can use	d for statements of possibility and capability, whether material, physical, or causal
105	3.2	
106 107		nnot d for statements of possibility and capability, whether material, physical or causal
108	3.3	
109 110 111	indi	nditional cates requirements to be followed strictly in order to conform to the document when the specified ditions are met

- 112 **3.4**
- 113 mandatory
- 114 indicates requirements to be followed strictly in order to conform to the document and from which no
- 115 deviation is permitted
- 116 **3.5**
- 117 **may**
- indicates a course of action permissible within the limits of the document
- 119 **3.6**
- 120 need not
- indicates a course of action permissible within the limits of the document
- 122 **3.7**
- 123 optional
- indicates a course of action permissible within the limits of the document
- 125 **3.8**
- 126 **shall**
- 127 indicates requirements to be followed strictly in order to conform to the document and from which no
- 128 deviation is permitted
- 129 **3.9**
- 130 shall not
- 131 indicates requirements to be followed strictly in order to conform to the document and from which no
- 132 deviation is permitted
- 133 **3.10**
- 134 should
- 135 indicates that among several possibilities, one is recommended as particularly suitable, without
- mentioning or excluding others, or that a certain course of action is preferred but not necessarily required
- 137 **3.11**
- 138 **should not**
- 139 indicates that a certain possibility or course of action is deprecated but not prohibited

140 4 Symbols and Abbreviated Terms

- 141 The following symbols and abbreviations are used in this document.
- 142 **4.1**
- 143 **CIM**
- 144 Common Information Model
- 145 **4.2**
- 146 **CLP**
- 147 Command Line Protocol
- 148 **4.3**
- 149 **DMTF**
- 150 Distributed Management Task Force

- 151 **4.4**
- 152 **IETF**
- 153 Internet Engineering Task Force
- 154 **4.5**
- 155 **SM**
- 156 Server Management
- 157 **4.6**
- 158 **SMI-S**
- 159 Storage Management Initiative Specification
- 160 **4.7**
- 161 **SNIA**
- 162 Storage Networking Industry Association

163 **5 Recipes**

- The following is a list of the common recipes used by the mappings in this specification. For a definition of each recipe, see the *SM CLP-to-CIM Common Mapping Specification 1.0* (DSP0216).
- smShowInstance
- smShowInstances
- smShowAssociationInstance
- smShowAssociationInstances

170 6 Mappings

- 171 The following sections detail the mapping of CLP verbs to CIM Operations for each CIM class defined in
- the Modular Systems Profile. Requirements specified here related to the support for a CLP verb for a
- particular class are solely within the context of this profile.

174 6.1 CIM AdminDomain

- 175 The cd and help verbs shall be supported as described in <u>DSP0216</u>.
- 176 Table 1 lists each SM CLP verb, the required level of support for the verb in conjunction with instances of
- the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the
- verb and target. Table 1 is for informational purposes only; in case of a conflict between Table 1 and
- 179 requirements detailed in the following sections, the text detailed in the following sections supersedes the
- 180 information in Table 1.

181

Table 1 – Command Verb Requirements for CIM AdminDomain

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	
dump	Not supported	
load	Not supported	
reset	Not supported	

Command Verb	Requirement	Comments
set	Not supported	
show	Shall	See 6.1.2.
start	Not supported	
stop	Not supported	

- No mapping is defined for the following verbs for the specified target: create, delete, dump, load,
- 183 reset, start, and stop.

184 **6.1.1 Ordering of Results**

- When results are returned for multiple instances of CIM_AdminDomain, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:
 - Results for CIM AdminDomain are unordered; therefore, no algorithm is defined.

188 **6.1.2 Show**

187

- 189 This section describes how to implement the show verb when applied to an instance of
- 190 CIM_AdminDomain. Implementations shall support the use of the show verb with CIM_AdminDomain.
- 191 The show verb is used to display information about the management domain.

192 6.1.2.1 Show a Single Instance

193 This command form is for the show verb applied to a single instance of CIM_AdminDomain.

194 **6.1.2.1.1 Command Form**

195 show <CIM_AdminDomain single instance>

196 **6.1.2.1.2 CIM Requirements**

- 197 See CIM_AdminDomain in the "CIM_AdminDomain Power Domain" and "CIM_AdminDomain Cooling
- 198 Domain" sections of the *Modular Systems Profile* for the list of mandatory properties.

199 **6.1.2.1.3 Behavior Requirements**

200 **6.1.2.1.3.1** Preconditions

201 In this section, \$instance represents the targeted instance of CIM_AdminDomain.

```
$\instance=<CIM_AdminDomain single instance>;
```

#all is true if the "-all" option was specified with the command; otherwise, #all is false.

204 **6.1.2.1.3.2** Pseudo Code

```
#propertylist[] = NULL;
if ( false == #all)

{
    #propertylist[] = <array of mandatory non-key property names (see CIM Requirements)>;

210  }
211  &smShowInstance ( $instance.getObjectPath(), #propertylist[] );
    &smEnd;
```

213 6.1.2.2 Show Multiple Instances

- 214 This command form is for the show verb applied to multiple instances of CIM_AdminDomain. Each
- instance of CIM_AdminDomain is scoped to a CIM_ComputerSystem instance through the
- 216 CIM SystemComponent association.

217 **6.1.2.2.1 Command Form**

218 show <CIM_AdminDomain multiple instances>

219 **6.1.2.2.2 CIM Requirements**

- 220 See CIM AdminDomain in the "CIM AdminDomain Power Domain" and "CIM AdminDomain Cooling
- 221 Domain" sections of the *Modular Systems Profile* for the list of mandatory properties.

222 6.1.2.2.3 Behavior Requirements

223 6.1.2.2.3.1 Preconditions

- 224 In this section, \$containerInstance represents the instance of CIM_ComputerSystem which
- 225 represents the container system and is associated to the targeted instances of CIM_AdminDomain
- through the CIM SystemComponent association.
- 227 #all is true if the "all" option was specified with the command; otherwise, #all is false.

6.1.2.2.3.2 Pseudo Code

```
229
      #propertylist[] = NULL;
230
      if ( false == #all)
231
232
          #propertylist[] = <array of mandatory non-key property names (see CIM</pre>
233
             Requirements)>;
234
235
      &smShowInstances ( "CIM_AdminDomain", "CIM_SystemComponent",
236
          $containerInstance.getObjectPath(), "GroupComponent", "PartComponent",
237
          #propertylist[] );
238
      &smEnd;
```

6.2 CIM_ComputerSystem

- 240 The cd, exit, help, and version verbs shall be supported as described in <u>DSP0216</u>.
- Table 2 lists each SM CLP verb, the required level of support for the verb in conjunction with the target
- 242 class, and, when appropriate, a cross-reference to the section detailing the mapping for the verb and
- target. Table 2 is for informational purposes only; in case of a conflict between Table 2 and requirements
- 244 detailed in the following sections, the text detailed in the following sections supersedes the information in
- 245 Table 2.

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Table 2 – Command Verb Requirements for CIM_ComputerSystem

Command Verb	Requirement	Comments
Create	Not supported	
Delete	Not supported	
Dump	Not supported	
Load	Not supported	
Reset	Not supported	

Command Verb	Requirement	Comments
Set	Not supported	
Show	Shall	See 6.2.2.
Start	Not supported	
Stop	Not supported	

247 No mapping is defined for the following verbs for the specified target: create, delete, dump, and load.

6.2.1 Ordering of Results

- When results are returned for multiple instances of CIM_ComputerSystem, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:
- Results for CIM_ComputerSystem are unordered; therefore, no algorithm is defined.

252 **6.2.2 Show**

248

- 253 This section describes how to implement the show verb when applied to an instance of
- 254 CIM ComputerSystem. Implementations shall support the use of the show verb with
- 255 CIM_ComputerSystem.

256 6.2.2.1 Show Command Form for Multiple Instances Target

This command form is used to show many instances of CIM_ComputerSystem.

258 **6.2.2.1.1 Command Form**

259 show <CIM_ComputerSystem multiple instances>

260 **6.2.2.1.2 CIM Requirements**

- See CIM_ComputerSystem in the "CIM Elements" section of the <u>Modular Systems Profile</u> for the list of mandatory properties.
- 263 6.2.2.1.3 Behavior Requirements

264 **6.2.2.1.3.1 Preconditions**

- In this section, \$containerInstance represents the instance of a subclass of CIM_System which represents the container system and is associated to the targeted instances of CIM_ComputerSystem through the CIM_SystemComponent association.
- 268 #all is true if the "-all" option was specified with the command; otherwise, #all is false.

269 **6.2.2.1.3.2** Pseudo Code

```
270
      #propertylist[] = NULL;
271
      if ( false == #all)
272
273
          #propertylist[] = <array of mandatory non-key property names (see CIM</pre>
274
             Requirements)>;
275
276
      &smShowInstances ( "CIM_ComputerSystem", "CIM_SystemComponent",
277
          $containerInstance.getObjectPath(), #propertylist[] );
278
      &smEnd;
```

279 **6.2.2.2 Show Command Form for a Single Instance Target**

This command form is used to show a single instance of CIM_ComputerSystem.

281 **6.2.2.2.1 Command Form**

282 show <CIM_ComputerSystem single instance>

283 **6.2.2.2.1.1 CIM Requirements**

See CIM_ComputerSystem in the "CIM Elements" section of the <u>Modular Systems Profile</u> for the list of mandatory properties.

6.2.2.2.2 Behavior Requirements

287 **6.2.2.2.1 Preconditions**

286

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288 In this section, \$instance represents the targeted instance of CIM_ComputerSystem.

```
$\instance=<CIM_ComputerSystem single instance>;
```

290 #all is true if the "-all" option was specified with the command; otherwise, #all is false.

6.2.2.2.2 Pseudo Code

```
#propertylist[] = NULL;

if ( false == #all)

{
    #propertylist[] = <array of mandatory non-key property names (see CIM Requirements)>;

}

&smShowInstance ( $instance.getObjectPath(), #propertylist[] );

&smEnd;
```

6.3 CIM_ConcreteDependency

The cd and help verbs shall be supported as described in DSP0216.

Table 3 lists each SM CLP verb, the required level of support for the verb in conjunction with instances of the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the verb and target. Table 3 is for informational purposes only; in case of a conflict between Table 3 and requirements detailed in the following sections, the text detailed in the following sections supersedes the information in Table 3.

Table 3 – Command Verb Requirements for CIM_ConcreteDependency

Command Verb	Requirement	Comments
create	Not supported	
delete	Not supported	
dump	Not supported	
load	Not supported	
reset	Not supported	
set	Not supported	
show	Shall	See 6.3.2.

Command Verb	Requirement	Comments
start	Not supported	
stop	Not supported	

- No mappings are defined for the following verbs for the specified target: create, delete, dump, load, reset, set, start, and stop.
- 310 **6.3.1 Ordering of Results**
- 311 When results are returned for multiple instances of CIM_ConcreteDependency, implementations shall
- 312 utilize the following algorithm to produce the natural (that is, default) ordering:
- Results for CIM_ConcreteDependency are unordered; therefore, no algorithm is defined.
- 314 **6.3.2 Show**
- 315 This section describes how to implement the show verb when applied to an instance of
- 316 CIM_ConcreteDependency. Implementations shall support the use of the show verb with
- 317 CIM_ConcreteDependency.
- 318 The show command is used to display information about the CIM_ConcreteDependency instance or
- 319 instances.
- 320 6.3.2.1 Show Multiple Instances CIM_PhysicalPackage Reference
- 321 This command form is for the show verb applied to multiple instances. This command form corresponds
- 322 to a show command issued against CIM_ConcreteDependency where only one reference is specified and
- the reference is to an instance of CIM_PhysicalPackage representing a blade package.
- 324 **6.3.2.1.1 Command Form**
- 325 show <CIM_ConcreteDependency multiple instances>
- 326 **6.3.2.1.2 CIM Requirements**
- 327 See CIM ConcreteDependency in the "CIM Elements" section of the *Modular Systems Profile* for the list
- 328 of mandatory properties.
- 329 6.3.2.1.3 Behavior Requirements
- 330 **6.3.2.1.3.1** Preconditions
- 331 \$instance contains the instance of CIM_PhysicalPackage which is referenced by
- 332 CIM ConcreteDependency.
- 333 **6.3.2.1.3.2 Pseudo Code**
- &smShowAssociationInstances ("CIM_ConcreteDependency", \$instance.getObjectPath());
- 335 &smEnd;
- 336 6.3.2.2 Show a Single Instance CIM PhysicalPackage Reference
- This command form is for the show verb applied to a single instance. This command form corresponds to
- a show command issued against CIM ConcreteDependency where the reference specified is to an
- instance of CIM_PhysicalPackage representing a blade expansion. An instance of CIM_PhysicalPackage

- representing a blade expansion is referenced by exactly one instance of CIM_ConcreteDependency.
- 341 Therefore, a single instance will be returned.
- 342 **6.3.2.2.1 Command Form**
- 343 show <CIM_ConcreteDependency single instance>
- 344 **6.3.2.2.2 CIM Requirements**
- 345 See CIM ConcreteDependency in the "CIM Elements" section of the *Modular Systems Profile* for the list
- 346 of mandatory properties.
- 347 **6.3.2.2.3** Behavior Requirements
- 348 **6.3.2.2.3.1 Preconditions**
- 349 \$instance contains the instance of CIM_PhysicalPackage representing a blade expansion that is
- 350 referenced by CIM_ConcreteDependency.
- 351 **6.3.2.2.3.2 Pseudo Code**
- 352 &smShowAssociationInstances ("CIM_ConcreteDependency", \$instance.getObjectPath());
- 353 &smEnd;
- 354 **6.3.2.3 Show a Single Instance Both References**
- 355 This command form is for the show verb applied to a single instance. This command form corresponds to
- 356 a show command issued against CIM_ConcreteDependency where both references are specified and
- 357 therefore the desired instance is unambiguously identified.
- 358 **6.3.2.3.1 Command Form**
- 359 show <CIM_ConcreteDependency single instance>
- 360 **6.3.2.3.2 CIM Requirements**
- 361 See CIM ConcreteDependency in the "CIM Elements" section of the *Modular Systems Profile* for the list
- of mandatory properties.
- 363 6.3.2.3.3 Behavior Requirements
- 364 **6.3.2.3.3.1 Preconditions**
- 365 \$instanceA contains the instance of CIM_PhysicalPackage representing a blade that is referenced by
- 366 CIM ConcreteDependency.
- 367 \$instanceB contains the instance of CIM_PhysicalPackage representing a blade expansion that is
- 368 referenced by CIM_ConcreteDependency.
- 369 **6.3.2.3.3.2** Pseudo Code
- 372 &smEnd;

6.4 CIM_SystemComponent

374 The cd, exit, help, and version verbs shall be supported as described in DSP0216.

Table 4 lists each SM CLP verb, the required level of support for the verb in conjunction with the target class, and, when appropriate, a cross-reference to the section detailing the mapping for the verb and target. Table 4 is for informational purposes only; in case of a conflict between Table 4 and requirements detailed in the following sections, the text detailed in the following sections supersedes the information in Table 4.

Table 4 – Command Verb Requirements for CIM SystemComponent

Command Verb	Requirement	Comments
Create	Not supported	
Delete	Not supported	
Dump	Not supported	
Load	Not supported	
Reset	Not supported	
Set	Not supported	
Show	Shall	See 6.4.2.
Start	Not supported	
Stop	Not supported	

No mapping is defined for the following verbs for the specified target: create, delete, dump, load, reset, set, start, and stop.

6.4.1 Ordering of Results

- When results are returned for multiple instances of CIM_SystemComponent, implementations shall utilize the following algorithm to produce the natural (that is, default) ordering:
 - Results for CIM_SystemComponent are unordered; therefore, no algorithm is defined.

387 **6.4.2 Show**

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- 388 This section describes how to implement the show verb when applied to an instance of
- 389 CIM_SystemComponent. Implementations shall support the use of the show verb with
- 390 CIM SystemComponent.

6.4.2.1 Show Command Form for Multiple Instances – Modular System Reference

- 392 This command form is used to show many instances of CIM_SystemComponent. This command form
- 393 corresponds to a show command issued against the instance of CIM_SystemComponent where only one
- 394 reference is specified and the reference is to an instance of CIM_ComputerSystem that represents a
- 395 modular system.

6.4.2.1.1 Command Form

397 show <CIM_SystemComponent multiple instances>

6.4.2.1.2 CIM Requirements

See CIM_SystemComponent in the "CIM Elements" section of the <u>Modular Systems Profile</u> for the list of mandatory properties.

401 6.4.2.1.3 Behavior Requirements

402 **6.4.2.1.3.1 Preconditions**

- 403 In this section, \$instance represents the instance of a CIM_ComputerSystem which is referenced by
- 404 CIM_SystemComponent.
- 405 **6.4.2.1.3.2** Pseudo Code
- 406 &smShowAssociationInstances ("CIM_SystemComponent", \$instance.getObjectPath());
- 407 &smEnd;

408 6.4.2.2 Show Command Form for Multiple Instances – Chassis Manager Reference

- 409 This command form is used to show a single instance of CIM_SystemComponent. This command form
- 410 corresponds to a show command issued against a single instance of CIM_SystemComponent, where
- 411 only one reference is specified and the reference is to the instance of CIM ComputerSystem that
- represents a Chassis Manager. CIM_SystemComponent will associate the CIM_ComputerSystem
- 413 instance for the chassis manager to the modular system and could associate it to one or more
- 414 CIM AdminDomain instances.

415 **6.4.2.2.1 Command Form**

- 416 show <CIM SystemComponent multiple instances>
- 417 **6.4.2.2.2 CIM Requirements**
- 418 See CIM_SystemComponent in the "CIM Elements" section of the Modular Systems Profile for the list of
- 419 mandatory properties.
- 420 6.4.2.2.3 Behavior Requirements
- 421 6.4.2.2.3.1 Preconditions
- 422 In this section \$instance represents the instance of CIM ComputerSystem which is referenced by
- 423 CIM SystemComponent.
- 424 6.4.2.2.3.2 Pseudo Code
- 425 &smShowAssociationInstances ("CIM_SystemComponent", \$instance.getObjectPath());
- 426 &smEnd;

427 6.4.2.3 Show Command Form for Multiple Instances- Processor Blade Reference

- 428 This command form is used to show a single instance of CIM_SystemComponent. This command form
- 429 corresponds to a show command issued against a single instance of CIM_SystemComponent, where
- 430 only one reference is specified and the reference is to the instance of CIM ComputerSystem that
- 431 represents a Processor Blade. CIM_SystemComponent will associate the CIM_ComputerSystem
- 432 instance for the processor blade to the modular system and could associate it to one or more
- 433 CIM_AdminDomain instances.

434 **6.4.2.3.1 Command Form**

- 435 show <CIM_SystemComponent multiple instances>
- 436 **6.4.2.3.2 CIM Requirements**
- 437 See CIM_SystemComponent in the "CIM Elements" section of the Modular Systems Profile for the list of
- 438 mandatory properties.

- 439 6.4.2.3.3 Behavior Requirements
- 440 **6.4.2.3.3.1 Preconditions**
- In this section \$instance represents the instance of CIM_ComputerSystem which is referenced by
- 442 CIM_SystemComponent.
- 443 **6.4.2.3.3.2** Pseudo Code
- 444 &smShowAssociationInstances ("CIM_SystemComponent", \$instance.getObjectPath());
- 445 &smEnd;
- 446 6.4.2.4 Show Command Form for Multiple Instances Cooling Domain Reference
- This command form is used to show a single instance of CIM_SystemComponent. This command form
- 448 corresponds to a show command issued against a single instance of CIM_SystemComponent, where
- only one reference is specified and the reference is to the instance of CIM AdminDomain that represents
- 450 a cooling domain. CIM_SystemComponent will associate the CIM_AdminDomain instance for the cooling
- 451 domain to the modular system and could associate it to one or more contained
- 452 CIM_ManagedSystemElement instances.
- 453 **6.4.2.4.1 Command Form**
- 454 show <CIM_SystemComponent single instance>
- 455 **6.4.2.4.2 CIM Requirements**
- 456 See CIM_SystemComponent in the "CIM Elements" section of the Modular Systems Profile for the list of
- 457 mandatory properties.
- 458 6.4.2.4.3 Behavior Requirements
- 459 **6.4.2.4.3.1 Preconditions**
- 460 In this section, \$instance represents the instance of CIM AdminDomain which is referenced by
- 461 CIM SystemComponent.
- 462 **6.4.2.4.3.2** Pseudo Code
- 463 &smShowAssociationInstances ("CIM_SystemComponent", \$instance.getObjectPath());
- 464 &smEnd;
- 465 6.4.2.5 Show Command Form for Multiple Instances Power Domain Reference
- This command form is used to show a single instance of CIM_SystemComponent. This command form
- 467 corresponds to a show command issued against a single instance of CIM_SystemComponent, where
- only one reference is specified and the reference is to the instance of CIM_AdminDomain that represents
- a power domain. CIM_SystemComponent will associate the CIM_AdminDomain instance for the power
- 470 domain to the modular system and could associate it to one or more contained
- 471 CIM_ManagedSystemElement instances.
- 472 **6.4.2.5.1 Command Form**
- 473 show <CIM_SystemComponent single instance>
- 474 **6.4.2.5.2 CIM Requirements**
- 475 See CIM_SystemComponent in the "CIM Elements" section of the Modular Systems Profile for the list of
- 476 mandatory properties.

477 6.4.2.5.3 Behavior Requirements

478 **6.4.2.5.3.1 Preconditions**

- 479 In this section, \$instance represents the instance of CIM_AdminDomain which is referenced by
- 480 CIM_SystemComponent.
- 481 **6.4.2.5.3.2 Pseudo Code**
- 482 &smShowAssociationInstances ("CIM_SystemComponent", \$instance.getObjectPath());
- 483 &smEnd;

484 6.4.2.6 Show Command Form for a Single Instance Target – Both References

- This command form is for the show verb applied to a single instance. This command form corresponds to
- 486 a show command issued against CIM_SystemComponent where both references are specified and
- therefore the desired instance is unambiguously identified.
- 488 **6.4.2.6.1 Command Form**
- 489 show <CIM_SystemComponent single instance>
- 490 **6.4.2.6.2 CIM Requirements**
- 491 See CIM_SystemComponent in the "CIM Elements" section of the *Modular Systems Profile* for the list of
- 492 mandatory properties.
- 493 6.4.2.6.3 Behavior Requirements
- 494 **6.4.2.6.3.1** Preconditions
- In this section, \$instanceA represents the instance of CIM_ManagedSystemElement referenced by the
- 496 CIM_SystemComponent association. \$instanceB represents the instance of a subclass of CIM_System
- that is referenced by CIM_SystemComponent.
- 498 **6.4.2.6.3.2** Pseudo Code
- 501 &smEnd;

503	ANNEX A
504	(informative)
505	

Change Log

Version	Date	Author	Description
1.0.0	2009-06-04		DMTF Standard Release